

ABSTRACT

A method and a controller for controlling the execution of a computer program having multitasking capability on a computing element especially on a microprocessor, of a controller for controlling and/or regulating a system which is able to take on various possible system states. In order to coordinate the execution of computer program in such a way that the input quantities required for the execution of a function of computer program are present with certainty at the beginning of the execution of the function, for each possible transition from one system state into another system state, transition conditions are defined and the execution of computer program is controlled in such a way that the system is only carried over from a first system state into a second system state when all the transition conditions specified for this transition are fulfilled.